

Arthur Firstenberg  
Post Office Box 100404  
Vanderveer Station  
Brooklyn, New York 11210  
(718) 434-4499

DOCKET FILE COPY ORIGINAL

January 17, 1997

Mr. William Caton, Acting Secretary  
Federal Communications Commission  
1919 M Street, N.W., Room 222  
Washington, DC 20554

Dear Mr. Caton:

Enclosed are an original and 8 copies of Reply Comments: this includes an original and 4 copies for DA 97-2539, and 2 copies each for Disabilities Issues Task Force and ET Docket 93-62. This is filed in my own behalf as an individual.

For the Cellular Phone Taskforce, I am enclosing an original and 4 copies of Comments in the matter of the appeal of our discrimination complaint of Feb. 2, 1997.

Sincerely,

*Arthur Firstenberg*

Arthur Firstenberg

Enc: Reply Comments (original + 8 copies)  
Comments (original + 4 copies)

No. of Copies rec'd 0+4  
List A B C D E



Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554

In the Matter of )  
)  
Complaint of Discrimination ) Disabilities Issues Task Force  
on the Basis of Handicap )  
Filed by the Cellular Phone )  
Taskforce on Feb. 2, 1997 )  
)  
Guidelines for Evaluating ) ET Docket 93-62  
the Environmental Effects )  
of Radiofrequency Radiation )


COMMENTS

In support of the Appeal of the Cellular Phone Taskforce in the above-referenced matter, correspondence between Regina Siberski and the Commission dating back to 1979 is attached, along with correspondence between Ms. Siberski and other agencies, as well as her testimony in the United States House of Representatives, on the subject of electrical sensitivity, microwave hearing, and other effects of microwave and radio-frequency radiation. Ms. Siberski is herself electrically sensitive, hears microwaves, and is a member of the Cellular Phone Taskforce. Indeed she contacted the Commission originally because she and others began to be bothered by sounds and other physical symptoms caused by microwaves beginning in 1978.

We also note that correspondence from the E.P.A. to Senator Phil Gramm, dated Nov. 25, 1996, and submitted by Lucinda Grant on Nov. 25, 1997 in support of the above-referenced Appeal, concerns Senator Gramm's constituents, Frank Goodrich, Janet Goodrich, and two children, who are all electrically sensitive, hear microwaves, and are members of the Cellular Phone Taskforce.



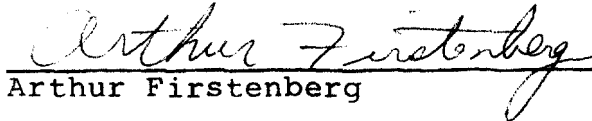
Respectfully submitted,



Arthur Firstenberg  
President, Cellular Phone Taskforce  
Post Office Box 100404  
Vanderveer Station  
Brooklyn, New York 11210  
(718) 434-4499

January 17, 1998  
Original + 4 copies

I certify that I sent a copy of these Comments, this 17th day of January, 1998, by Express Mail, postage paid, to Dr. Robert Cleveland, Jr., Office of Engineering and Technology, Federal Communications Commission, 2000 M Street, N.W., Room 266, Washington, DC 20554.

  
Arthur Firstenberg



JUNE 22, 1979

RE: MEETING WITH MR. COLEMAN OF F.C.C.

TO: POLICE CHIEF CHARLES KRESS  
TOWNSHIP OF NEWTOWN  
BISHOP HOLLOW ROAD  
NEWTOWN SQUARE PPA 19073

*Mr. Frank Coleman*  
F.C.C.  
PHILA. OFFICE

PLEASE BE ADVISED THAT A CERTAIN MR. COLEMAN, FEDERAL COMMUNICATIONS COMMISSION ENGINEER WILL BE IN CONTACT WITH ME ON MONDAY, JUNE 24 TO ADVISE A SPECIFIC TIME WHEN THEY WILL HAVE INSTRUMENTS TO ATTEMPT TO ANALYZE THE SOUND WE HAVE BEEN WITNESSING IN THE NEWTOWN TOWNSHIP.

SINCE THE SOUND IS EVIDENT TO MY EARS IN ALL SECTIONS OF THE AREA, I WISH TO ADVISE YOU OF THE TIME THE INDIVIDUAL FROM THE F.C.C. WILL ASSIGN TO BE AT OUR RESIDENCE ADDRESS.

I WILL CONTACT YOUR OFFICE AS SOON AS I WILL HAVE HEARD FROM MR. COLEMAN'S OFFICE.

FROM: REGINAR. SIBERSKI

AT THIS TIME -  
NO COOPERATION  
LATER ASSISTED TO OBTAIN  
OCTAVE BAND,  
ANALYZER &  
SOUND LEVELER  
WAIT.  
FROM EP.



8/13/74

*Check  
transfer  
of information  
to Wayne  
Station Elec.  
Installation*

R. W. Miller  
Engineering Manager

*Wayne 4 to 6*



**AT&T Long Lines**

2000 L Street, N.W.  
Washington, D.C. 20036  
202/457-2226

Regina R. Siberski

Newtown Square, Pa. 19073

Dear Ms. Siberski:

This is in response to your letter to Mr. Tugel, requesting information pertaining to the possibility that the low frequency vibrating sounds you hear may be caused by Bell System Microwave facilities.

The nearest Bell System microwave station to your location is in Wayne, Pa., and is approximately 2.6 airline miles north and east of your residence.

Although the evoked auditory response or "microwave hearing" effect appears to be a valid phenomenon, i.e., replicable thresholds in terms of the electromagnetic (microwave) energy have been established for both animals and humans, there is absolutely no way that this effect can be associated with the Bell System microwave station in Wayne. In fact, there is no way that this effect can be associated with any of the Bell System microwave radio systems.

Microwave hearing has always been associated with high power pulsed sources, for example radar, as contrasted to very low power, essentially continuous sources such as microwave radio.

When a high power source such as radar is turned on and off, (or modulated), at a rate, (or frequency) that is within the normal frequency range of human hearing, it is possible for a person to hear the modulating frequency under certain circumstances. The perceived sound is reported to sound like a clicking or buzzing, and appears to come from behind the head regardless of the direction of the source.

The calculated level of microwave energy at your residence, associated with the nearest Bell System microwave radio station (Wayne) is at least one hundred million times lower than the Occupational Safety and Health Act (OSHA) guidelines for safe exposure to microwaves in the United States. In addition, our experience has always been that when the calculated and the actual measured values are compared, the measured values are always significantly lower than the calculated values. Thus the actual level at your residence is expected to be at least a billion times lower than the OSHA guidelines and at least ten million times lower than the reported average levels associated with microwave hearing. More important, the microwave radio system at Wayne, is not pulse

*Question  
139 by*

*A.C.C.  
Perry David*

*2/1/1974*

*What  
is safe?*

*See  
D.I.A.  
Report  
Page 21*



Regina R. Siberski

Page two

modulated, a requirement pointed out above, necessary for the hearing phenomenon to occur. Thus even if one were to sit directly in front of the microwave antennas, there could be no evoked response.

To help in resolving your problem and possibly help in identifying the source of the perceived tone, you may wish to consider contacting the Electromagnetic Analysis Branch of the Environmental Protection Agency in Silver Spring, Maryland. Their address is:

9100 Brookville Road  
Silver Spring, Md. 20910

Sincerely,

*R. W. Miller*

*Harbert H. Hinkle*  
202-455-4000  
E.P.A.

427-7604-



August 28, 1979

FROM: John Dougherty  
 TO: J. M. Barnes, Jr.  
 SUBJECT: Mrs. Regina R. Siberski

*Philadelphia  
 Electric Co.  
 took readings*

On June 13, 1979, two representatives from the Testing Section and myself visited the Siberski property. The purpose of this visit was to take sound level readings. The following readings are the results of this test:

<u>Frequency</u>	<u>Rec. Room</u>	<u>Inside Car</u>	<u>Transformer Pole</u>
16000 cps	15 DB	22 DB	42 DB
8000 cps	16 DB	21 DB	39 DB
4000 cps	16 DB	19 DB	37 DB
2000 cps	15 DB	18 DB	44 DB
1000 cps	14 DB	20 DB	45 DB
500 cps	13 DB	36 DB	57 DB
250 cps	16 DB	38 DB	59 DB
125 cps	21 DB	48 DB	69 DB
63 cps	23 DB	57 DB	78 DB
31.5 cps	35 DB	52 DB	72 DB

The instrument used to conduct these tests was an "Octave Band Analyzer." The meter filters out all other noises except those on the frequency to which it is set. The 63 HZ noise, which is closest to our 60 HZ equipment is within OSHA regulations. Neither myself, nor the two testors with me could determine any "strange" sounds at the Siberski property.

John Dougherty



BERT W. EDGAR

DISTRICT, PENNSYLVANIA

UPPER HOUSE OFFICE BUILDING  
WASHINGTON, D.C. 20515  
(202) 825-2011Congress of the United States  
House of Representatives

Washington, D.C. 20515

Upper Darby Office

September 25, 1979

DISTRICT OFFICE  
204 LONG LANE  
UPPER DARBY, PENNSYLVANIA  
(215) PL 2-07604 AVENUE OF THE  
CHESTER, PENNSYLVANIA  
(215) TR 6-82

Mrs. Regina Siberski

Newtown Square, PA 19073

Dear Mrs. Siberski:

Thank you for your call regarding the sounds you are hearing which you fear are microwaves.

It seems that you have contacted the proper agencies in this matter and my staff does not have the capability of doing more for you than the Federal Communications Commission and the Bureau of Radiological Health can.

My staff assistant has spoken with Police Commissioner Kress, who said that your's is the only complaint regarding such a noise and that a helicopter flight over your roof showed no browning or scrubbing to indicate microwaves.

Enclosed is some information obtained from the Congressional Research Service which you might find interesting.

I hope that one of the agencies you have contacted will find out what is causing the noise disturbances in your home.

With kind regards, I am

Cordially,

*Bob Edgar*

ROBERT W. EDGAR

RE: kkm

Enc.

Power Lines

Electric Blankets

Omega System

AM and FM Radio

Television

Radar

Ovens

MLS

Cable TV

Point-to-Point Relays

Radars

Tanning

Plasmas

Submarine Communications

Heaters and Sealers

Security Systems

Remote Sensing

Fluorescent Lights

VDTs

NMR Imaging

Satellite Communications

Power Lines

GVEN

VOR and ILS

Diathermy

Hypertension

Electronic Warfare

ID Systems

Ionizing

Substations

NMR Imaging

Computers

Phased Array Radar

Hypertension

Electronic Warfare

ID Systems

Ionizing

0 Hz 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 10<sup>9</sup> 10<sup>10</sup> 10<sup>11</sup> 10<sup>12</sup> 10<sup>13</sup> 10<sup>14</sup> 10<sup>15</sup> 10<sup>16</sup> 10<sup>17</sup>

NON-IONIZING ELECTROMAGNETIC SPECTRUM



**Newtown Township Police Department**



Telephone ELgin 6-081

CHARLES L. KRESS, JR., Chief

Newtown Square, Delaware County, Pennsylv

26 November 1979

Mr. Schrock

Dear Mr. Schrock,

In reference to our conversation I am hereby requesting that you send the machine that measures the alleged electrical impulses that Mrs. Giberski has been complaining about and I urge you to send me this machine at your earliest convenience.

Sincerely

*Charles L. Kress, Jr.*  
CHARLES L. KRESS, JR.  
Chief of Police



Upper Darby Office  
November 2, 1981

*Wrong name!  
He is no longer  
at the position.*

Charles D. Ferris, Chairman  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Dear Mr. Ferris:

I am writing in regard to a problematic situation involving a number of my constituents in Newtown Square, Pennsylvania with unusual UHF/TV signals.

In order to ascertain the source and strength of such signals, I request that you direct that staff investigate.

Please contact my staff assistant, John Bay, (FIS: 596-1774; 295-352-0790) for specific information.

With kind regards, I am  
Cordially,

ROBERT W. EDGAR

RE:jbm

Congress of the United States  
House of Representatives  
Washington, D.C. 20515

OFFICIAL BUSINESS

*sent Longhane  
Upper Darby, Pa  
19082*

*Bob Edgar*  
M.C.

*Regina S. Herski*

*Newtown Square, Pa. 19073*



JUNE 26, 1979

REPORT TO MR. TUGLE DIRECTOR /A.T.T.

PLEASE BE ADVISED THAT THERE IS A LOW FREQUENCY VIBRATING SOUND THAT IS EVIDENT TO MY HEARING AS WELL AS TO THAT OF SEVERAL OTHER INDIVIDUALS WHOM I HAVE HAD VERIFY THE SOUND.

FOR THE PAST EIGHT MONTHS I PERSONALLY HAVE BEEN RESEARCHING THIS FATIGUING VIBRATION. I AM AWAKENED BY THE SOUND AT VARIOUS TIMES IN THE EARLY MORNING HOURS AND SINCE I FOUND IT WAS NOT ONLY IN THE CONFINES OF THE HOME BUT IN THE CLOSED AUTOMOBILE, I TRIED TO TRACK THE EXTENT OF THE ANNOYANCE.

I SPOKE WITH SEVERAL PROFESSIONAL INDIVIDUALS AND DISCUSSED THE BIZARRE OCCURANCE BUT WAS GIVEN A DEFINITE IMPRESSION THAT IT WAS MY PERSONAL PROBLEM RATHER THAN ONE INVOLVING OTHERS THAN MYSELF. I AM DEFINITELY CONCERNED MOST ABOUT MY FAMILY AND MYSELF FOR REASONS OF HEALTH, SINCE THERE ARE MANIFESTATIONS OF SYMPTOMS RELATING TO -POSSIBLY- MICRO-WAVE EXPOSURE, AS I DISCUSSED WITH YOU ON THE TELEPHONE, MONDAY, JUNE 25, 1979.

I DID CONTACT THE BELL TELEPHONE SEVERAL MONTHS BACK AND HAD MR. PIPE AND MR. SMITH COME TO OUR RESIDENCE ON FRIDAY, APRIL 29 AT THREE P.M. BUT AT THAT TIME THE SOUND WAS NOT EVEN EVIDENT TO MY HEARING. AT THAT POINT IN TIME, THE SOUND WAS SPORADIC BUT AT THIS DATE, THE VIBRATIONS OR SOUNDS ARE MORE INTENSE AND CONSTANT.

I DID ESTABLISH PERTINANT FACTS WITH THE LOCAL POLICE DEPARTMENT TO HAVE RECORD OF THIS DISTURBANCE. ONE OF THE TOWNSHIP SUPERVISORS HAS EXPRESSED SINCERE CONCERN EVEN THOUGH HE IS UNABLE TO HEAR THE TONE I DESCRIBE AS A THIRD {B AND D} ON THE PIANO, IN THE MIDDLE C RANGE. OCCASIONALLY THERE IS AN EXTREME LOW PITCH WHICH I WITNESS ALONG WITH THE CONSTANT TREMOLO SOUND.

PHILADELPHIA ELECTRIC COMPANY DID RECORD FINDINGS ON THE AUDIOMETER AS A VERY LOW DECIBEL LEVEL. THE REASON THEY DID COMPLY WITH MY REQUEST WAS TO ABSOLVE PECO OF ANY RESPONSIBILITY FOR THE SOUND WITNESSED BY THE LINEMEN PRIOR TO THE 13TH OF JUNE, WHEN THREE OTHER P.E. EMPLOYEES CAME TO CHECK THE SOUND.

I AM EXTREMELY CONCERNED FOR OUR FOUR TEENAGERS SINCE THEY SEEM TO BE EXPERIENCING UNNECESSARY FATIGUE.

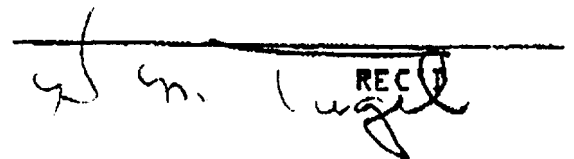
AS WAS SUGGESTED, I AM ASKING TO HAVE THIS SOUND CHECKED WITH ANY AND ALL INSTRUMENTS THAT CAN PIN POINT THE SOURCE OF THE DISTRESSING AND VIBRATING-SOUND.

THANK YOU FOR YOUR PROMPT ATTENTION TO THIS REQUEST.

  
REGINA R. SIBERSKI

NEWTOWN SQUARE, PA. 19073

*Hand delivered to  
A.T.T. office in  
Wayne, Pa.*

  
J. M. TUGLE  
REC'D



NOV 30 1981

## FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

IN REPLY REFER TO:

1430

NOV 24 1981

Honorable Robert W. Edgar  
Member, U.S. House of Representatives  
407 Avenue of the States  
Chester, Pennsylvania 19013

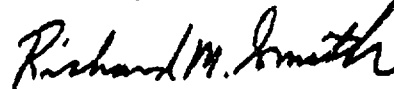
Dear Congressman Edgar:

Your recent letter on behalf of your constituents in Newton Square, Pennsylvania, has been received.

Since the Federal Communications Commission is currently under severe budget restrictions, routine field strength measurements of broadcast facilities are limited. However, we will be glad to reconsider your request at such time that travel restrictions are lifted.

I trust this information is helpful.

Sincerely,



Richard M. Smith  
Chief, Field Operations Bureau

Enclosure:  
Incoming Correspondence



**SYSTEMEDICS / AMS**

SERVICED BY REGI LTD.

NEWTOWN SQUARE, PA. 19073

(215) 356 6615

November 30, 1981

Robert F. Cleveland, Jr., Ph.D.  
Federal Communications Commission  
Office of Science and Technology  
Washington, D.C. 20554

Dear Doctor Cleveland:

I appreciated the opportunity to discuss the facts regarding the sound/feeling phenomenon we experience in this Newtown Square area. It is our intention to get the details in the form of a report to be sent to the Environmental Protection Agency as well as the Federal Communications Commission, since it is possible that the information is not reviewed with two separate sounds, one which is comparable to a tinnitus and the other which is described as the sound of a heavy motor at a short distance. Read the enclosed copy of a letter to F.C.C.,

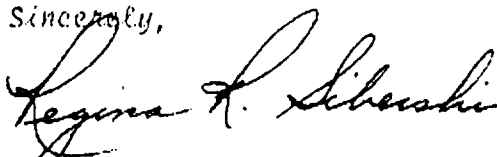
This report will take time but we will continue with this project. Since the sound is still evident. There are many more people taking an interest in the fact that the young people are being diagnosed with a "slight touch of mono" and the fatigue is noted as the chief complaint.

We will attempt to have individual statements to verify all comments so this will add to the time factor, since I cannot devote full time to this project.

I will also thank you in advance for the copy of the Report that results from the Notice of Inquiry. I appreciate your having added my name to the mailing list. May I ask that you advise me if there should be a cancellation or postponement of this particular report. It is of interest to the people involved in this project.

Thank you for your concern in this matter.

Sincerely,



Regina R. Siberski  
Liaison/ Sound Feeling Phenomenon



## FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON D.C. 20554

April 7, 1982

IN REPLY REFER TO:

30013

Mrs. Regina R. Siferski

Newtown Square, PA 19073

Dear Mrs. Siferski:

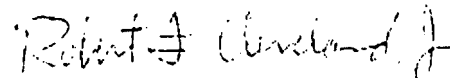
I am in receipt of your letters of March 4 and March 15, 1982 in which you provide further details of your complaint regarding annoying sounds that you believe may be related to electromagnetic radiation.

As stated in previous correspondence about this case, we are looking into this matter. However, as noted in the letter of November 24, 1981 from Mr. Richard Smith, Chief of our Field Operations Bureau, to Congressman Robert Edgar, the FCC is currently under severe budgetary restrictions, and routine field measurements are limited.

At the present time we are not able to honor your request for the names and addresses of individuals who have contacted this office with complaints similar to yours. We normally do not release the names of individuals involved in an ongoing inquiry, and we do not believe that releasing these names at this time would be in the best interest of resolving this matter.

We will continue to look into your problem as resources permit. Please feel free to contact me if you have further information that might be relevant to your complaint.

Sincerely,



Robert F. Cleveland, Jr., Ph.D.  
Technical Planning Staff  
Office of Science & Technology

cc: S. Earlewhine - FOB

*Rec'd Jones  
4/13/82*



11

COLLEGE OF ENGINEERING AND APPLIED SCIENCE

*UNIVERSITY of PENNSYLVANIA*

PHILADELPHIA 19104

*Department of Bioengineering*

285 TOWNE BUILDING D3  
(215) 243-8501

(215) 243-8533

Regina R. Siberski  
3407 West Chester Pike  
Newtown Square, PA 19073

March 11, 1982

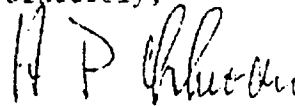
Dear Mrs. Siberski,

This is in response to your recent letter. It will be very difficult for me to advise you about the nature of your complaints for several reasons.

First, I am not a medical doctor and can not evaluate the nature of the complaints or sensations which you experience. Secondly, the presence of whatever electric or magnetic fields must be established before a cause and effect relationship between the fields and your complaints can be investigated. I myself do not have the facilities to determine such field values.

I have received during the past years several complaints of a similar nature and am therefore receptive to your concern. However without medical evaluation of whatever complaints and measurements of suspected fields it is impossible to come to definite conclusions. If you should be able to obtain such information I would be glad to look it over.

Sincerely,



H. P. Schwan  
Professor of Bioengineering

HPS/ubr



STANLEY W. SIBERSKI, D.D.S.

Regina R. Siberski R.D.H.

April 13, 1982

Robert F. Cleveland, Jr. Ph. D.  
Technical Planning Staff  
Office of Science & Technology  
Federal Communications Commission  
Washington, D.C. 20554

Dear Dr. Cleveland:

I am enclosing a copy of the letter from Dr. Herman P. Schwan. In a telephone conversation with Dr. Schwan, I was able to give additional facts which were not understood regarding the problem we are experiencing.

Dr. Schwan did suggest a Narda flux meter to get some basic readings. I will attempt to locate the unit by first asking you if it would be readily available for our use from the Federal Communications Commission. If this would be possible, may I ask that you advise us regarding the protocol.

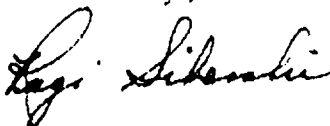
I am very much aware of budgetary restrictions and am quite willing to avail myself to pick up this portable unit at the Oxford Valley Office.

The unit would be supervised by persons in the field of electronics and the reports would be filed in accordance with the requested specifications.

Please let us know if this and/or other units could be made available for this important study.

Thank you for your attention to this request.

Sincerely,



Regina R. Siberski

C: Schwan Ph.D.  
Kessler, M.D., Ph.D.



REPLY REQUESTED

July 16, 1982

William Y. Rial, M.D.  
President, American Medical Association  
111 Dartmouth Avenue  
Swarthmore, Pennsylvania 19081

Dear Doctor Rial:

Please be advised that I have been in contact with several Federal Agencies and known people in the professions as a result of a sound/feeling phenomenon (SFP). I have been gathering a file on non-ionizing radiation as a result of my being in the hospital under the care of our physician, who is a practicing Cardiologist and Internist, Vsevolod Kohutiak, M.D..

My study of over four(4) years has increased my awareness to the need to have the proper kind of study and it is my intent to have this matter brought to your attention with the hope that you would analyze the severity of this problem.

Since I do not have credentials to be recognized in the specific fields, I arranged to have an individual with that degree as an active member of a panel and we had been successful in meeting with some key people, who are aware of studies being conducted as to the biological effects of electromagnetic radiation (EMR).

As a result of my position in this office, I have had the opportunity to discuss this atmospheric aberration with a number of patients and since the invisible pollution is not recognized by the Medical Profession, it is rather difficult to seek help from that standpoint.

My most recent contact was with the contractor for the Navy's study on the Electromagnetic Effects in the Environment. Since the subject matter is rather sensitive in nature, she questioned my interest and stated that another office would contact me.

I will include several copies of correspondence to verify the need for your assistance in the direction of the matter.

Please feel free to contact me at anytime. I can also be reached at 356-6615.

Yours truly,

Verified by:



Regina R. Siberski R.D.H.



Stanley W. Siberski, D.D.S.





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**OFFICE OF RADIATION PROGRAMS-LAS VEGAS FACILITY**  
P.O. BOX 18416, LAS VEGAS, NEVADA 89114-5027 • 702/798-2100 (FTS 545-2100)

DEC 7 1982

Mrs. Regina R. Siberski  
410 Timber Lane  
Newtown Square, PA 19073

Dear Mrs. Siberski:

Thanks for your note of August 17, regarding your visit to Las Vegas. I can be available to meet with you the morning of November 10 to discuss your interests in electromagnetic fields. If this is agreeable to you, please give my secretary, Mrs. Lynne Keeton, a call on 702-798-2440 and lock down the appointment.

Respectfully yours,

*Richard A. Tell*

Richard A. Tell, Chief  
Nonionizing Radiation Branch





# NEWS

FEDERAL COMMUNICATIONS COMMISSION  
1919 M STREET, N.W.  
WASHINGTON, D.C. 20554

News media information 202 / 254-7574  
Recorded listing of releases and texts  
202 / 632-0002

3137

This is an unofficial announcement of Commission action. Release of the full text of a Commission order constitutes official action. See MCI v. FCC, 515 F.2d 385 (D.C. Cir. 1975).

Report No. DC-2

ACTION IN DOCKET CASE

March 13, 1985

FCC AMENDS ENVIRONMENTAL RULES TO PROVIDE FOR  
EVALUATION OF HUMAN EXPOSURE TO RF RADIATION  
(GEN. DOCKET 79-144)

The Commission has amended its environmental rules to provide for the evaluation of human exposure to radiofrequency (RF) radiation emitted by FCC regulated facilities and operations.

The action is part of an ongoing proceeding originating in 1979 with a Notice of Inquiry and resulting in a 1982 Notice of Proposed Rulemaking.

In amending the rules, the FCC noted that under the National Environmental Policy Act of 1969 (NEPA), it is required to consider whether its actions in licensing and authorizing facilities and operations significantly affect "the quality of the human environment." Human exposure to RF radiation is one of several issues it must consider in evaluating potential environmental impact. Previously, there were no explicit RF radiation guidelines for use in environmental processing under the FCC's NEPA rules.

Effective October 1, 1985, Section 1.1305 of the FCC's rules will contain a provision addressing human exposure to RF radiation. FCC actions granting construction permits, licenses or renewals, or authorizing modifications in existing facilities will be treated as "major" actions if the facility or operation in question would expose workers or the general public to levels of RF radiation exceeding identified health and safety guidelines issued by the American National Standards Institute.

Under Commission rules, designation of an action as "major" would require an applicant to submit a factual "narrative statement" dealing with the environmental effect that led to the designation. The requirement for such a designation normally would be determined by an applicant and, when appropriate, indicated on applicable FCC forms. The Commission's staff would then determine whether to prepare an environmental impact statement which would have to be considered in deciding whether to grant the application.

(over)



FEDERAL COMMUNICATIONS COMMISSION

WASHINGTON, D.C. 20554

January 13, 1984

IN REPLY REFER TO:

31105

Regina R. Siberski  
3407 West Chester Pike  
Newtown Square, PA 19073

Dear Mrs. Siberski:

Your letter of December 15, 1983 was referred to this office by the Philadelphia district office of the Federal Communications Commission (FCC). Unfortunately the study you refer to of the Rutherford, NJ area was apparently never completed. Although such a study was begun about 1978, I have been unable to find any record of the data here at the Commission. It is my understanding that the FCC never published anything regarding this matter.

I am sorry that we cannot be of more help to you.

Sincerely,

*Robert F. Cleveland, Jr.*

Robert F. Cleveland, Jr., Ph.D.  
Technical Analysis Division  
Office of Science & Technology





COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL RESOURCES  
Post Office Box 2063  
Harrisburg, Pennsylvania 17120



July 30, 1984

(717) 787-2480

Mrs. Regina R. Siberski, R.D.II.  
3407 West Chester Pike  
Newtown Square, Pennsylvania 19073

Dear Mrs. Siberski:

Just a note to say I'm sorry for not responding to your telephone calls or to comment on your proposed narrative for the International Microwave Symposium.

I have not had the time to do a proper evaluation of the issue. With the passage of Senate Bill 987 (thanks for your support) it is now mandatory to become more knowledgeable about all non-ionizing radiation sources and problems.

As soon as I finish with the immediate actions required upon passage of the legislation and the Governor's announcement concerning low-level radioactive waste disposal, I will begin to update myself and have some staff training in non-ionizing radiation.

I hope to be back to you shortly. Again, my apologies for inaction.

Sincerely,

*Tom*

Thomas M. Gerusky, Director  
Bureau of Radiation Protection



FROM : S. D. S.

PHONE NO. : 610+356 6142

Jan. 16 1998 08:23PM P19



**Township of Newtown**  
**ENVIRONMENTAL COMMITTEE — RADIATION**  
BISHOP HOLLOW ROAD & ELLIS AVENUE  
P.O. BOX 393, NEWTOWN SQUARE  
DELAWARE CO., PENNSYLVANIA 19073

REGINA R. SIBERSKI, R.D.H.  
*Chairperson*  
(215) 358-6615

June 15, 1986

Robert F. Cleveland, Jr. Ph.D.  
Technical Planning Staff  
Office of Science & Technology  
Federal Communications Commission  
Washington, D.C. 10554

Dear Dr. Cleveland:

Please send a copy of the twenty-four questions listed in the Notice of Inquiry Gen Docket NO. 79-144 regarding the "Responsibility of the Federal Communications Commission to consider biological effects of radiofrequency radiation when authorizing the use of radiofrequency devices." [FCC 82-47, 30728.]

It will be appreciated if you add the name and address of this Committee to the mailing list to receive any and all information pertaining to the concern of the health effects and radiofrequency radiation - to include any and all information relating to the extreme low end of the spectrum.

Thank you.

Sincerely,

*Regina R. Siberski*  
Regina R. Siberski, R.D.H.

cc: Members/Committee



- 2 -

The provisions of the new rule will apply to the following: (1) radio and television broadcast stations licensed or authorized under Part 73; (2) experimental broadcast stations and low-power TV stations authorized under Part 74 (Subparts A and G); (3) transmitting satellite-earth stations authorized under Part 25; and, (4) experimental radio stations authorized under Part 5.

Guidelines on evaluating compliance with the rule will be provided in a technical bulletin, available in August or September of this year, now being developed by the Office of Science and Technology.

In addition, the Commission has issued a companion two-part Further Notice of Proposed Rulemaking to add shipboard-satellite earth terminals authorized under Part 83, Subpart AA, to the category of facilities to which the new rule will apply.

It also has proposed to exclude categorically from consideration under this rule other FCC regulated telecommunications facilities and operations because of a lack of evidence that they would affect the environment significantly with respect to human exposure to RF radiation. Examples of facilities being proposed for exclusion are land-mobile transmitters and microwave point-to-point relay links.

Deadlines for filing comments will be announced later.

Action by the Commission February 26, 1985, by Report and Order (FCC 85-90) and Further Notice of Proposed Rulemaking (FCC 85-91). Commissioners Fowler (Chairman), Quello, Dawson, Rivera and Patrick.

For further information contact Robert Cleveland at (202) 632-7040 or Stephen Klitzman at (202) 632-6405

- FCC -



*RETURN TO:* **POLICY IMPLICATIONS**

*REC-1  
3407 WEST CHESTER PIKE  
NEWARK, N.J. 07102*

**OVERSIGHT HEARING**  
BEFORE THE  
SUBCOMMITTEE ON  
GENERAL OVERSIGHT AND INVESTIGATIONS  
OF THE  
COMMITTEE ON  
INTERIOR AND INSULAR AFFAIRS  
HOUSE OF REPRESENTATIVES

ONE HUNDREDTH FIRST CONGRESS

SECOND SESSION

ON

ELECTRIC POWERLINES: HEALTH AND PUBLIC POLICY IMPLICATIONS

HEARING HELD IN WASHINGTON, DC  
MARCH 8, 1990

Serial No. 101-13

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FROM : S.D.S.

PHONE NO. : 610-356 6142

Jan. 16 1990 08:24PM F21



Mr. KOSTMAYER. Thank you, Congressman, very much. Let me just ask you a couple of questions before we go to Mr. De Vito. This became an issue in your district because of the efforts to build a powerline?

Mr. PALLONE. Yes, and that powerline, as I said, is about 10 miles long, and basically started out with a grassroots organization in Middletown, which is Mr. De Vito's home township, and—

Mr. KOSTMAYER. And was the opposition based on the EMF issue, or the aesthetic issue of the placing of a powerline there, or was it strictly related to the health issues?

Mr. PALLONE. I would say that 90 percent was the health issues, particularly since we did have at least one, and possibly two, but I don't want to exaggerate, but at least one child who lived near this right-of-way, and who had developed leukemia.

Now, I should say, well, how could that happen if the powerline has not been built? Well, the right-of-way is an electric train right-of-way, and a lot of residents were concerned when they proposed putting in the new electric trains, which are only a few years old, and they were also concerned about the health effects of that, and saw the new powerline coming as sort of a double-dosage, if you will, on top of the electric train apparatus that was already in place.

Mr. KOSTMAYER. How near was the powerline going to be to houses if it had been constructed there?

Mr. PALLONE. In some cases, frankly, I think it was close to 20 feet. Very close.

Mr. KOSTMAYER. What kind of concerns did people express? Was it primarily then health concerns?

Mr. PALLONE. They had expressed primarily health concerns, and they of course talked about the aesthetics and about property values, and that type of thing, but I would have to be honest and say to you that it is literally ninety percent a health question.

Mr. KOSTMAYER. And clearly in this instance in your own district, the Federal Government did not have proper or adequate information to provide to people?

Mr. PALLONE. No, absolutely not. I mean, we basically tracked this down, and we had the OTA Report, and we had the forum that we held, and later with the help of the Office of the Public Advocate, and frankly, it was through their efforts, as well as that of the citizens group largely, that the powerline construction has been indefinitely postponed.

Mr. KOSTMAYER. Have you had any more luck, or less luck, with various Federal Agencies that you have been trying to deal with on this issue, or have you found definitely that the Federal Government and its Agencies across the board are not prepared or equipped to respond to these inquiries?

Mr. PALLONE. I hate to be that critical, but I think it would be fair to say that in general we have not been able to get much information from the various Federal Agencies, and basically, the OTA is a congressional arm, and we had to go directly to Carnegie Mellon, the people that put together this report, to really get some analysis of what was going on.

And they were kind enough to come down to New Jersey and hold a forum, and privately, and, you know, at their own expense I should say, and not at the Federal Government's expense.

Mr. KOSTMAYER. Well, we appreciate your testimony. You are really playing the major role in Congress on this, and I think your legislation is going to be taken up, and be very important, and so we certainly appreciate the concerns that you have brought to this subcommittee. Thank you for your time.

Mr. PALLONE. Thank you, Mr. Chairman.

Mr. KOSTMAYER. Mr. De Vito. Yes, panel one. Mr. Frank De Vito, township committeeman, township of Middletown, New Jersey; Ms. Regina Siberski, chairperson, township of Newtown, Pennsylvania—and is that in Delaware County?

Ms. SIBERSKI. Yes, Mr. Chairman.

Mr. KOSTMAYER. And Ms. Diane Allen, anchor reporter for WCAU Television, in Philadelphia, Pennsylvania. OK. Ms. Siberski, do you want to go first, and start with you and move down the row there? How about that?

Ms. SIBERSKI. That's fine.

Mr. KOSTMAYER. Please proceed. We want to try if we can to limit witnesses to about 5 minutes. We have a lot of witnesses, and we are going to be here a good part of the day, and so if you could confine yourself to 5 minutes, which we are not able to do, and I hope you have better luck.

[Laughter.]

PANEL CONSISTING OF REGINA SIBERSKI, CHAIRPERSON, ENVIRONMENTAL COMMITTEE ON RADIATION, TOWNSHIP OF NEWTOWN, PENNSYLVANIA; FRANK DE VITO, TOWNSHIP COMMITTEEMAN, TOWNSHIP OF MIDDLETOWN, NEW JERSEY; AND DIANE ALLEN, ANCHOR REPORTER, WCAU-TV, PHILADELPHIA, PENNSYLVANIA

Ms. SIBERSKI. Good morning. My name is Regina Siberski, and I live in Newtown Square, Delaware County, Pennsylvania. By profession, I am a registered dental hygienist.

Today, I speak as a lay person to express concern about nonionizing electromagnetic radiation and its impact on the unsuspecting general public. A 10 year involvement in this radiation interest has enabled my meeting a number of people who understand and know that human bodies are not only chemical in nature, but electrical as well.

With this understanding, I will concentrate on the fact that humans are sensitive in electromagnetic fields. Some more so than others.

Across this great country individuals expressed need for concern in this serious matter, but are not able to gain proper recognition, because scientific evidence is not presented openly to serve as a reference point. As a result, individuals live under a hazard attributed to invisible fields of nonionizing electromagnetic radiation.

I appreciate this opportunity to be a spur with anticipation of activating consideration to a subtle, but serious problem nationwide.

Nonionizing electromagnetic radiation shares in technology which races too far ahead of biology. Catch-up is necessary. To do